

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-16 (Canceled).

Claim 17 (New): An information recording medium configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said data including audio/video data and control information for managing said audio/video data, the information recording medium comprising:

a data area configured to store said audio/video data included in a video object; and
a management area separate from said data area and configured to store said control information,

wherein said control information includes movie AV file information having movie video object information corresponding to said video object,

said movie AV file information includes M_AVFI general information and one or more movie VOB search pointers,

said movie video object information includes movie video object general information containing temporary erase information of said video object,

said video object is configured to be set at a temporarily erased state, said temporarily erased state indicated by said temporary erase information,

said control information includes original PGC information having one or more pieces of first cell information and one or more first cell information search pointers,

said original PGC information corresponds to original PGC,

one piece of said first cell information corresponds to one of first cells separately,

said original PGC information includes first PGC general information having number information of said first cell information search pointers,

said control information includes a user defined PGC information table having one or more pieces of user defined PGC information,

one piece of said user defined PGC information corresponds to one of user defined PGCs separately,

said user defined PGC information table includes one or more user defined PGCI search pointers having start address information of said user defined PGC information separately,

said user defined PGC information table includes user defined PGC information table information having number information of said user defined PGCI search pointers,

said user defined PGC information includes second PGC general information, one or more pieces of second cell information, and one or more second cell information search pointers,

one piece of said second cell information corresponds to one of second cells separately,

said second PGC general information includes number information of said second cell information search pointers,

one piece of said first cell information or one piece of said second cell information includes cell general information and one or more pieces of cell entry point information corresponding to cell entry points,

said cell general information includes information of cell type, information describing a number of said cell entry point information, information describing a presentation start time, and information describing a presentation end time,

one piece of said cell entry point information includes type information of one of said cell entry points and information of a presentation time for one of said cell entry points,

one piece of said first cell information and said second cell information includes movie VOB search pointer numeral information corresponding to said video object,

said control information includes a video manager information management table having resume marker information,

said resume marker information includes numeral information corresponding to one of said original PGC and said user defined PGCs, and

said resume marker information includes numeral information corresponding to one piece of said first cells or one piece of said second cells.

Claim 18 (New): An apparatus for reproducing information from an information recording medium as defined in claim 17, said apparatus comprising:

a first reproducer configured to reproduce said control information from the management area; and

a second reproducer configured to reproduce said audio/video data from the data area.

Claim 19 (New): A method for recording information on an information recording medium, the information recording medium comprising,

a data area configured to store said audio/video data included in a video object; and

a management area separate from said data area and configured to store said control information,

wherein said control information includes movie AV file information having movie video object information corresponding to said video object,

said movie AV file information includes M_AVFI general information and one or more movie VOB search pointers,

said movie video object information includes movie video object general information containing temporary erase information of said video object,

said video object is configured to be set at a temporarily erased state, said temporarily erased state indicated by said temporary erase information,

said control information includes original PGC information having one or more pieces of first cell information and one or more first cell information search pointers,

said original PGC information corresponds to original PGC,

one piece of said first cell information corresponds to one of first cells separately,

said original PGC information includes first PGC general information having number information of said first cell information search pointers,

said control information includes a user defined PGC information table having one or more pieces of user defined PGC information,

one piece of said user defined PGC information corresponds to one of user defined PGCs separately,

said user defined PGC information table includes one or more user defined PGCI search pointers having start address information of said user defined PGC information separately,

said user defined PGC information table includes user defined PGC information table information having number information of said user defined PGCI search pointers,

said user defined PGC information includes second PGC general information, one or more pieces of second cell information, and one or more second cell information search pointers,

one piece of said second cell information corresponds to one of second cells separately,

said second PGC general information includes number information of said second cell information search pointers,

one piece of said first cell information or one piece of said second cell information includes cell general information and one or more pieces of cell entry point information corresponding to cell entry points,

said cell general information includes information of cell type, information describing a number of said cell entry point information, information describing a presentation start time, and information describing a presentation end time,

one piece of said cell entry point information includes type information of one of said cell entry points and information of a presentation time for one of said cell entry points,

one piece of said first cell information and said second cell information includes movie VOB search pointer numeral information corresponding to said video object,

said control information includes a video manager information management table having resume marker information,

said resume marker information includes numeral information corresponding to one of said original PGC and said user defined PGCs, and

said resume marker information includes numeral information corresponding to one piece of said first cells or one piece of said second cells,

said method comprising:

recording said audio/video data on the data area; and

recording said control information on the management area.

Claim 20 (New): A method for reproducing information from an information recording medium, the information recording medium comprising,

a data area configured to store said audio/video data included in a video object; and

a management area separate from said data area and configured to store said control information,

wherein said control information includes movie AV file information having movie video object information corresponding to said video object,

said movie AV file information includes M_AVFI general information and one or more movie VOB search pointers,

said movie video object information includes movie video object general information containing temporary erase information of said video object,

said video object is configured to be set at a temporarily erased state, said temporarily erased state indicated by said temporary erase information,

said control information includes original PGC information having one or more pieces of first cell information and one or more first cell information search pointers,

said original PGC information corresponds to original PGC,

one piece of said first cell information corresponds to one of first cells separately,

said original PGC information includes first PGC general information having number information of said first cell information search pointers,

said control information includes a user defined PGC information table having one or more pieces of user defined PGC information,

one piece of said user defined PGC information corresponds to one of user defined PGCs separately,

said user defined PGC information table includes one or more user defined PGCI search pointers having start address information of said user defined PGC information separately,

said user defined PGC information table includes user defined PGC information table information having number information of said user defined PGCI search pointers,

said user defined PGC information includes second PGC general information, one or more pieces of second cell information, and one or more second cell information search pointers,

one piece of said second cell information corresponds to one of second cells separately,

said second PGC general information includes number information of said second cell information search pointers,

one piece of said first cell information or one piece of said second cell information includes cell general information and one or more pieces of cell entry point information corresponding to cell entry points,

said cell general information includes information of cell type, information describing a number of said cell entry point information, information describing a presentation start time, and information describing a presentation end time,

one piece of said cell entry point information includes type information of one of said cell entry points and information of a presentation time for one of said cell entry points,

one piece of said first cell information and said second cell information includes movie VOB search pointer numeral information corresponding to said video object,

said control information includes a video manager information management table having resume marker information,

said resume marker information includes numeral information corresponding to one of said original PGC and said user defined PGCs, and

said resume marker information includes numeral information corresponding to one piece of said first cells or one piece of said second cells,

said method comprising:

reproducing said control information from the management area; and

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reproducing said audio/video data from the data area.